

# Carnegie Mellon University

## Technology, Management, and Policy (TMP) Graduate Consortium

Carnegie Mellon University  
Singleton Room & Atrium, Roberts Hall  
June 14 - 16, 2026

### June 14 – Group Dinner at LeMont

5:45 - 9:00 PM

- **5:45 PM:** Meet at the Hilton Garden Inn University Place  
[3454 Forbes Ave, Pittsburgh, PA 15213]
- **6:00 PM:** Board Molly's Trolley and go to LeMont\* on Mt Washington  
[1114 Grandview Ave, Pittsburgh, PA 15211]  
*\*LeMont's dress code is Business Casual*
- **6:30 PM:** Group Dinner at LeMont
- **8:30 PM:** Take Molly's Trolley from Le Mont to Hilton Garden Inn University Place

### June 15 – TMP Day 1

8:00	9:00	Breakfast	
9:00	9:20	Welcome and Intros	
<b>Session 1: Grid resilience &amp; climate hazards</b>			
Faculty host: Granger Morgan, Carnegie Mellon University			
9:20	9:40	<b>Ryan Chen</b> Carnegie Mellon University	Large-scale resilience planning for wildfire-prone electricity systems
9:40	10:00	<b>Easha Rajalaxmi Vivesh</b> George Washington University	Scenario-Based Transmission Expansion under Wildfire Risk and Emission Policies

10:00	10:20	<b>Maryam Hamidi</b> Carnegie Mellon University	From single-hazard to multi-hazard planning for electric distribution systems
10:20	10:40	<b>Michelle Wang</b> Carnegie Mellon University	Workforce bottlenecks for data center and grid expansion
10:40	10:45	Wrap up	
10:45	11:00	Break	
<b>Session 2: AI, technology &amp; the future of work</b>			
Faculty host: José Coelho Rodrigues, Universidade do Porto			
11:00	11:20	<b>Dustin Ferrone</b> Carnegie Mellon University	Signals of firm-level AI adoption
11:20	11:40	<b>Wilson Martínez Diaz</b> Carnegie Mellon University	Skill Biased or Skill Agnostic: Hirings in the US Semiconductor Industry
11:40	11:45	Wrap up	
11:45	1:25	<b>Lunch &amp; Poster Session</b>	
<b>Session 3: Electricity markets, regulation &amp; environmental compliance</b>			
Faculty host: John Paul Helveston, George Washington University			
1:25	1:45	<b>Victoria Dinov</b> Stanford University	Quantifying the retirement cliff and emissions trade-offs of the aging U.S. power fleet
1:45	2:05	<b>Ibrahim Ahmed</b> George Washington University	Examining the illusion of chaos in power markets
2:05	2:25	<b>Andrew L. White</b> Massachusetts Institute of Technology	Navigating the energy transition at the urban scale through peaker plant retirement
2:25	2:45	<b>Kelly Wu</b> Massachusetts Institute of Technology	Methane emissions attribution to oil and gas production using satellite imagery and econometric methods

2:45	2:50	Wrap up	
2:50	3:00	Break	
<b>Session 4: Equity, health &amp; community engagement</b>			
Faculty host: Christine Ortiz, Massachusetts Institute of Technology			
3:00	3:20	<b>Anny Mireilles Sarea de Mendonça</b> Universidade do Porto	From Indicators to Impact: A Systematic Review of Evaluation Metrics for Public Health Policy in Low- Resource Settings
3:20	3:40	<b>Brissa Acevedo</b> Universidade do Porto	Energy Justice and the Infrastructure of Demand: Community Preferences for Equitable Solar Farm and AI Data Center Development
3:40	4:00	<b>Stacy Godfreey-Igwe</b> Carnegie Mellon University	Extreme Heat on Residential Electricity Demand: A Case Study in a Hot-Humid Climate
4:00	4:20	<b>Yujin Seo</b> Carnegie Mellon University	Mapping the impact of drug shortages: market structure and geospatial socioeconomics
4:20	4:25	Wrap up	
4:25	4:35	Day 1 Wrap & Day 2 Prep	
4:35	5:00	Faculty Deliberation & Student Networking	
5:00	6:30	Dinner	

**June 16 – TMP Day 2**

8:00	8:55	Breakfast	
8:55	9:00	Day 2 Welcome	
<b>Session 5: Industrial decarbonization: steel, heat &amp; transportation</b>			
Faculty host: Jeremy Michalek, Carnegie Mellon University			
9:00	9:20	<b>Dimitri Saad</b> Stanford University	The supply and demand of industrial process heat in the U.S.
9:20	9:40	<b>Judy Park</b> Carnegie Mellon University	Climate, air quality, and distributional impacts of transitioning away from coal-based steel
9:40	10:00	<b>Andrew S. White</b> Massachusetts Institute of Technology	Climate and air quality impacts of intercity passenger rail in the United States
10:00	10:20	<b>Miki Tsuchiya</b> University of Michigan	Slow steaming for trucks: automation changes the trade-off between productivity and emissions
10:20	10:25	Wrap up	
10:25	10:40	Break	
<b>Session 6: Supply chains, critical materials &amp; industrial policy</b>			
Faculty host: Frank Field, Massachusetts Institute of Technology			
10:40	11:00	<b>Junlin Zhou</b> Carnegie Mellon University	How reliable are critical mineral trade flow estimates for EV battery supply chains?
11:00	11:20	<b>Katy Yu</b> Carnegie Mellon University	Differentiated opportunities and constraints in U.S.-China scientific collaboration
11:20	11:25	Wrap up	
11:25	12:30	<b>Lunch</b>	

<b>Session 7: Technology governance, risk perception &amp; science policy</b>			
Faculty host: Erica Fuchs, Carnegie Mellon University			
12:30	12:50	<b>Jonathan Miller</b> Penn State University	Sensemaking quality: three measures for detecting narrative capture
12:50	1:10	<b>Hannah Rajput</b> Massachusetts Institute of Technology	When identifying risks creates new ones: harms of socioeconomic risk indicators
1:10	1:30	<b>Ariel Zych</b> Carnegie Mellon University	Framing effects on public perceptions of an emerging red blood cell modification technology
1:30	1:50	<b>Emaan Bilal Khan</b> Massachusetts Institute of Technology	Safety Drift After Fine-Tuning: Evidence from High-Stakes Domains
1:50	2:10	<b>Elena Chechik</b> Georgia Institute of Technology	From Open Science to Scientific Isolationism: A Conceptual Framework for Science Policy Analysis
2:10	2:15	Wrap up	
2:15	2:45	Faculty Deliberation & Student Networking	
2:45	3:15	Wrap up / discussion / questions / etc	